

EXHIBIT B

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# PATENT SEARCH REPORT

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By:



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Order No.: 54540

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Customer: Lawrence C. Edelman; FastCorp Inc  
Your Reference No.: 05MW01US  
Our Order No.: 54540  
Re: Electronic Device Having a Slidable Cover

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## SUMMARY AND NOTES

The following search is based upon the disclosure provided. The search analyst identified four (4) core features of the invention. **JP 2002182592 A** demonstrates three (3) of the four features.

## SUBJECT MATTER

The subject matter of the search, based on your disclosure and authorization, is summarized by the following subject features:

1. A slidable lid for an electronic device;
2. A slidable lid having a logo/promotional image/picture associated therewith;
3. A slidable lid that has multiple images viewable dependent upon whether the lid is open or closed and
4. A cover at least in part forming a viewing window.

## SEARCH RESULTS

*File histories for all patent documents cited in this report are available through Landon IP; please email ([mail@landon-ip.com](mailto:mail@landon-ip.com)), place an order online (<http://www.landon-ip.com>), or call (703-486-1150).*

### *Patent Documents*

The patent analyst identified the following patent documents as being central to the focus of the present invention.

Document Data	Discussion	Subject Features
JP 2002182592 A	Ishida shows a computer device which displays a logo in the best state when an LCD panel is opened and closed.	1◀ 2◀
Ishida Yoichi	This computer device is equipped with a main body part	3◀

June 26, 2002	(2) equipped with a keyboard and a lid (3) for the main body part (2) and displays the logo on the lid (3). The lid (3) is provided with a 1 <sup>st</sup> display (12) which is displayed when the lid (3) is closed and a 2 <sup>nd</sup> display (11) which is displayed when the lid (3) is opened and the 1 <sup>st</sup> display (12) or 2 <sup>nd</sup> display (11) is selectively displayed according to whether the lid (3) is opened or closed.	4
<b>Computer device</b>		
<b>US 3,622,720 A</b>	Allen shows an electronic calculator comprising an input keyboard panel, an output display panel, and first and second cover means mounted for movement between positions covering and positions uncovering the panels. The calculator further comprises a calculator power switch mounted for movement between power-on and power-off positions.	1 ◄ 2 3 4
Allen, William November 23, 1971		
<b>Calculator keyboard cover interlock with a display cover and switch</b>		
<b>US 6,182,386 B1</b>	Nielsen shows a sign having a rear plate (2) having at least two printed messages (5,6) and a front plate (3) arranged movably in front of the rear plate (2). The front plate (3) is arranged such that in its starting position it covers all the messages (5,6) on the rear plate (2), and that, by movement, it may be caused to expose at least one of the messages (5,6). Element 12 is a transparent cover.	1 2 3 4 ◄
Nielsen, Kaj Clausen February 6, 2001		
<b>Sign having a movable front plate</b>		

The patent analyst identified the following patent documents as being peripheral to the focus of the present invention. We list them here for your independent review and assessment.

Document No.	First Named Inventor	Pub. Date	Title
US 2003/0163898 A1	Levine, Lawrence, T.	9/4/2003	Hinge for a rotatably connected cover
US 6,614,495 B1	Zander, Dennis R.	9/2/2003	Liquid crystal display unit for camera, including message bearing medium, back light source, and protective cover
US 2003/0137803 A1	Loo, Jyh-Yi	7/24/2003	Keyboard device for personal digital assistants
US 2003/0104850 A1	Lai, Cheng-Shing	6/5/2003	PDA with a protective cover for its display panel
US 6,812,973 B2	Alakontiola, Heikki	11/2/2004	Liquid crystal display having movable reflector surfaces providing sub-displays viewable from different viewing directions
US 6,606,762 B1	Levine, Lawrence T.	8/19/2003	Hinge for a rotatably connected cover
US D463389 S1	Stafford-Fraser, James Quentin	9/24/2002	Broadband telephone
US 6,374,088 B1	Gustafsson, Per	4/16/2002	Arrangement at a mobile telephone
US 6,299,119 B1	Dunning, David J.	10/9/2001	Notepad attachment apparatus
US 6,249,431 B1	Chan, Sik-Leung	6/19/2001	Desktop item
US 6,178,085 B1	Leung, Chan Sik	1/23/2001	Calculator lid mechanism
US 6,085,384 A	Bivens, Steven L.	7/11/2000	One-way hinge damper

US 6,034,866 A	Nobuchi, Atsunobu	3/7/2000	Equipment having openable cover
US 5,964,823 A	Terriss, Howard L.	10/12/1999	Calculator with a displayed commercial message
US 5,870,110 A	Mallory, Perry M.	2/9/1999	Hand held messaging system
US 5,604,688 A	Chu, William	2/18/1997	Message display calculator
US 5,471,254 A	Claassen, Henning	11/28/1995	Remote control unit with tiltable cover having displaying information thereon
US 5,303,291 A	Takagi, Hisamitsu	4/12/1994	Portable telephone having a detachable functional module
US 5,158,310 A	Tannehill, John M.	10/27/1992	Display system for shopping cart
US 5,113,435 A	Chen, Yung-Huei	5/12/1992	Structure of telephone keyboard
US 5,075,993 A	Weinreich, Stephen	12/31/1991	Color display apparatus
US 4,988,025 A	Lipton, Jack B.	1/29/1991	Shopping cart attachment
US 4,882,471 A	Kai, Tomoko	11/21/1989	Electronic equipment using a cover
US 4,878,055 A	Kasahara, Yoshiki	10/31/1989	Remote control device
US 4,820,908 A	Wei, Chih-Ming	4/11/1989	Combined calculator and puzzle game device
US 4,785,164 A	Reed, Muriel A.	11/15/1988	Slide calculator for background lighting
US 4,768,300 A	Rutili, Renzo N.	9/6/1988	Illuminated information display
US 4,745,397 A	Lagerbauer, Norbert	5/17/1988	Remote control devices
US 4,738,042 A	Corden, Paul H.	4/19/1988	Integral moving message device for merchandising display case
US 4,703,160 A	Narishima, Wataru	10/27/1987	Casing structure of portable electronic appliance
US 4,514,920 A	Shafrir, Doron	5/7/1985	Display module
US 4,398,086 A	Smith, Iii, Jay	8/9/1983	Game-calculator having sliding mask
US 4,308,450 A	Ausman, Robert K.	12/29/1981	Two-piece slide calculator for determining metabolic requirements and parenteral feeding dosages
US 4,292,481 A	Barnes, Wayne R.	9/29/1981	Decorative applique and decorative faceplate assembly for push-button telephones
US 4,165,554 A	Faget, Charles J.	8/28/1979	Hand-held portable calculator assembly
US 4,026,033 A	Martin, Forrest D.	5/31/1977	Telephone handset indicia holder
US 3,622,720 A	Allen, William A.	11/23/1971	Calculator keyboard cover interlock with a display cover and switch
US 3,562,940 A	Gulbransen, C.R.	2/16/1971	Calculator
US 3,295,241 A	Chiuminatto Joseph J	1/3/1967	Changeable copy information display panel means
US 3,201,881 A	Edouard Dechar	8/24/1965	Advertising devices
JP 2004/072285 A	Mizuta Masatomo	3/4/2004	Mobile phone
JP 2001/337742 A	Iwai Masahiro	12/7/2001	Protecting cover for portable information terminal device

JP 2001/306101.A	Osawa Seiji	11/2/2001	Wrong operation preventive device of operating panel
JP 11353283A	Fujii Toshiyuki	12/24/1999	Portable terminal
GB 2357929 A	Kubo, Tetsuya	7/4/2001	Attaching a sliding cover to a mobile phone
GB 1331169 A	Scm Corp	9/26/1973	Electronic calculators and the like
EP 1397973 A2	Groppi, Silvano	3/17/2004	Article case
EP 1182850 A2	Andersen, Jesper	2/27/2002	Communication unit with personalising feature
EP 1027692 B1	Whalen, Edward E.	11/14/2001	Global time calculator
EP 1008977 A2	Gowans, Thomas Wood	6/14/2000	A display panel
EP 0867021 B1	Risholm, Torill	11/7/2001	An advertising support means for a shop trolley
EP 0718780 B1	Loh, Philip Kwok Nan	10/24/2001	Hand held calculator having a retractable cover
EP 0178800 A2	Boudreau, Marcel	4/23/1986	Portable computer
GB 1459845 A	Kent, Marc	12/31/1976	Display devices
WO 2003/061250 A1	Simpson, Isaac	7/24/2003	Removable customizable inserts and faceplate for electronic devices
WO 9951006 A2	Vasiliev, Georgy Leonardovich	10/7/1999	Base station of cordless telephone
WO 9114984 A1	Begum, Paul, G.	10/3/1991	Device for providing advertising to shoppers

## SEARCH DETAILS

The classification areas and text search queries in the subsequent report sections were submitted across the following databases:

US Granted, US Applications, JP (abstracts and bibliographic data only), EP-A, EP-B, WO (PCT), DE-C, DE-B, DE-A, DE-T, DE-U, GB-A, FR-A, CH, and Derwent World Patent Index (40 total authorities listed in the Appendix).

## Patent Classification Areas Searched

The patent analyst selectively searched within the following US, IPC, ECLA, or F-Term classification areas:

Class	Subclass	Description
D18	1	PRINTING AND OFFICE MACHINERY
	6	TYPEWRITER OR CALCULATOR
	7	TYPEWRITER OR CALCULATOR - Calculator
	11	TYPEWRITER OR CALCULATOR - Calculator - With keyboard
	12	TYPEWRITER OR CALCULATOR - Calculator - Housing or casing
		RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT
D14	218	VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK EQUIPMENT - Element or attachment - Remote control
	250	VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK

		EQUIPMENT - Element or attachment - Telephone equipment - Cover for base or handset
40		CARD, PICTURE, OR SIGN EXHIBITING
708	421	TWO-DIMENSIONAL MOVABLE FIGURE DISPLAY DEVICE
		ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
	105	ELECTRICAL DIGITAL CALCULATING COMPUTER - Combined with diverse art device
	110	ELECTRICAL DIGITAL CALCULATING COMPUTER - Combined with diverse art device - Business device (e.g., billing, memorandum)

## Text Search

The patent analyst conducted a text search using the following search queries:

Class: D18/1 and "(lid\* or cover\* or case\* or housing\*)"

Class: D18/1 and "calculator or pda or (remote adj control) or phone"

Class: 40 and "calculator"

Claims, Title or Abstract: "(calculator or lcd) and (cover or lid or (protect\*4 ner3 panel)) and (slid\*5)"

Claims, Title or Abstract: "(calculator or lcd) and (cover or lid or (protect\*4 ner3 panel)) and (slid\*5) and position\*3"

Title or Abstract: "(calculator) and (advertis\*4 or logo)"

Class: 708 and "(advertis\* or logo or promotion\* or picture\*) same (cover\* or lid\* or panel\*)"

"(advertis\* or logo or promotion\*) with (cover\* or lid\* or panel\*) same (calculator or pda or phone or (remote adj control))"

Title or Abstract: "(advertis\* or logo or promotion\* or picture\*) and (keypad or touchpad) and (cover\* or lid\* or panel\*) not cart"

Class: D18/12 and "logo\* or advertis\* or graphic\* or picture\*"

"advertis\*4 same calculator"

"(cover\*4 or casing or lid or case\*4 or housing) same calculator\*2 same advertis\*4"

"sliding same panel\* same (cover\*4 or cas\*4 or lid\*2) same (calculator or pda or phone or (remote adj control))"

Class: 312 and "(calculator or pda or phone or (remote adj control)) and (sliding or slidable)"

Class: D14/250 and "slide or sliding or slidable or open\*"

Class: D18 and "(slide or sliding or slidable) and calculator"

Class: (708/105 or d18/011) and "(case\* or cover\* or lid\*)"

'Class 40 and "((key adj pad) or (touch adj pad) or touchpad or keypad or (key adj board) or keyboard or LCD) and ((transparent or (view\* adj window)) same cover\*)"

"((cover adj panel) same (transparent or (viewing adj window))) and (LCD or keyboard or calculator or keypad or (key adj pad))"

Class 40 and "((transparent or (view\* adj window)) same cover\*) adj6 (slide or slid or sliding or slidable or shift\* or move or movable)"

### *USPTO Examiners Consulted*

The patent analyst contacted the following examiners to confirm the relevancy of the US classes and subclasses that were searched:

Todd Ingberg, Primary Examiner, Art Unit 2193, Class 708

Examiner Ingberg suggested a search be performed in class 708 among other areas.

## **CONCLUSION**

It should be noted that the search was conducted to the extent allowed by the time authorized in the Patent Search Authorization Form.

Any US or foreign patents and published applications cited herein were accessed using proprietary patent databases. The search was conducted through July 1, 2005. This report is based on information that was retrievable from those databases as of the date(s) the search was conducted.

Any assessments made by the patent analyst relating to the documents cited herein are based upon the analyst's interpretation of the subject matter provided in the customer's disclosure. The patent analyst does not practice law; therefore the customer is encouraged to make his or her own assessment of the documents.

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